

Page 2 line 31 delete "one or more" and insert - -at least one - -.

Page 3 line 7 delete "the or each" and insert - -at least one- -.

Page 3 line 19 delete "and".

Page 3 line 21 delete "." and insert "; and"

Page 3 line 22 insert - Figure 5 is a schematic diagram of an ATM including a transaction processing system according to the invention.- -.

In the Claims

Please cancel Claims 1 and 2.

- 1 3. (Once Amended) A transaction processing system according to claim [2] in which the [or
2 each] at least one filter module is adapted to process said requests and said responses by
3 recording at least some of said requests and responses in a log.

Please cancel Claim 4.

Claim 5, (Once Amended) line 2, change "4" to - -15 - -.

Claim 7, (Once Amended) line 2 delete "the or each" and insert - - the at least one- -;

line 5 delete "the or each" and insert - -the at least one- -.

Please cancel Claims 9 and 10.

Claim 11 (Once Amended) line 2 delete "10" and insert - -17- -;

line 2 delete "the or each" and insert - -the at least one- -; and

line 6 change "or each" to - - at least one - -.

Please cancel Claim 12.

13. (Once Amended) An ATM as claimed in claim [12] 18 wherein one of said applications is operable to request user input from said user input means and to request data to be read from a card inserted in said card reader and one of the [or each] at least one filter modules is adapted to process said requests.

Please cancel Claim 14. ✓

15. (New) A transaction processing system including:

a transaction manager running in a first process and responsive to transaction requests from at least one application;

a service provider layer including a set of service provider modules, each service provider module being adapted to relay transaction requests passed from said transaction manager to an associated hardware module and to relay transaction responses from said hardware module to said transaction manager or the at least one application; and

8 at least one filter module adapted to intercept transaction requests from said transaction
9 manager to said service provider layer and to process said requests, the at least one filter module
10 being further adapted to intercept transaction responses from said service provider layer to said
11 transaction manager and the at least one application and to process said responses;

12 wherein the at least one filter module, said transaction manager and the at least one
13 application has an associated identifier and wherein the at least one application is adapted to
14 include the identifier of the application or the transaction manager to which transaction responses
15 are to be relayed by the service provider layer in a transaction request, the at least one filter
16 module being adapted to replace said identifier in at least some transaction requests with the
17 identifier of the filter module so that responses to said requests from said service provider layer
18 are relayed to said filter module.

1 ~~16.~~ (New) A transaction processing system including:

2 a transaction manager running in a first process and responsive to transaction requests
3 from at least one application;

4 a service provider layer including a set of service provider modules, each service provider
5 module being adapted to relay transaction requests passed from said transaction manager to an
6 associated hardware module and to relay transaction responses from said hardware module to
7 said transaction manager or the at least one application;

8 at least one filter module adapted to intercept transaction requests from said transaction
9 manager to said service provider layer and to process said requests, the at least one filter module
10 being further adapted to intercept transaction responses from said service provider layer to said
11 transaction manager and the at least one application and to process said responses;

12 wherein one of said applications is a web browser adapted to run a web application, the
13 web application including at least one web page.

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17. (New) A transaction processing system including:

2 a transaction manager running in a first process and responsive to transaction requests
3 from at least one application;

4 a service provider layer including a set of service provider modules, each service provider
5 module being adapted to relay transaction requests passed from said transaction manager to an
6 associated hardware module and to relay transaction responses from said hardware module to
7 said transaction manager or the at least one application;

8 at least one filter module adapted to intercept transaction requests from said transaction
9 manager to said service provider layer and to process said requests, the at least one filter module
10 being further adapted to intercept transaction responses from said service provider layer to said
11 transaction manager and the at least one application and to process said responses;

wherein said transaction processing system cooperates with a registry, wherein said service provider modules are adapted to be registered in the registry and wherein said transaction manager is adapted to call said service provider modules by using information obtained by a lookup process performed on the registry.

10/ 18. (New) An Automatic Teller Machine including

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a. a processor connected to
b. a memory,
c. a screen display,
d. a user input means,
e. a card reader, and
f. a storage medium, said storage medium being adapted to store operating system software and a transaction processing system including:

a transaction manager running in a first process and responsive to transaction requests from at least one application;

a service provider layer including a set of service provider modules, each service provider module being adapted to relay transaction requests passed from said transaction manager to an associated hardware module and to relay transaction responses from said hardware module to said transaction manager or the at least one application; and